

**METHOD AND APPARATUS FOR CAPTURE VERIFICATION
AND THRESHOLD DETERMINATION**

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Abstract

An apparatus and method for verifying capture by a pacing pulse in which a test depolarization waveform recorded during a pacing event is compared with a template waveform representing capture by the pacing pulse. Capture verification in this manner may be used in pacemakers having multiple pacing channels for the atrial and/or ventricles where the multiple paces can interfere with conventional sensing of evoked responses in order to verify capture.

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